

How Stages Correlates with Washington State Essential Academic Learning Requirements (EALRs)¹

Mathematics Grades K-3

EALRs and Suggested Assessment Evidence (Grade Levels in Bold)

EALR 1.1: Understand and apply concepts and procedures from number sense.

(K) Establishes one-to-one correspondence in counting objects.

Determines the cardinal number of a set of objects less than 31.

Given two sets of objects, each less than five, determines how many in all.

(1) Counts forward and backward by ones to 100.

Reads and writes numerals to 100.

(2) Counts forward and backward by tens and hundreds to 1000.

Reads and writes numerals to 1000.

Uses models to represent halves, thirds, and fourths of objects and sets of objects.

Adds and subtracts two-digit numbers.

Uses physical models, diagrams, and/or acts out problems involving real life multiplication and division situations.

(3) Computes to solve problems in realistic situations containing multi-digit numbers using the addition or subtraction strategy most appropriate to the situation (mental math, paper and pencil, calculator).

Related Stages Assessment Activities:

Stage Four: Math Readiness: Number ID, Counting

Stage Five: Math: Fractions, Math Facts (+, -, x, ÷), Word Problems (+, -, x, ÷)

Problem Solving: Number Guess

EALR 1.2: Understand and apply concepts and procedures from measurement.

(1) Recognizes the penny, nickel, dime, quarter, and dollar and expresses value using cent notation.

(2) Estimates and measures area and perimeter of regular two-dimensional figures.

Estimates and measures length, area, weight/mass, and capacity, time, and temperature using referents in familiar settings from other disciplines to the nearest whole unit.

Uses standard units of measure of length, area, weight, capacity, time and temperature in familiar settings from other disciplines.

Describes and justifies own methods of estimating involving realistic measurement situations (time, money, length, etc.).

¹ Information found in Mathematics, Reading, Writing, and Communications Essential Academic Learning Requirements, rev. September, 2001 and A Framework for Achieving the Essential Academic Learning Requirements in Grades K-4, 1998. Source: <http://www.k12.wa.us/curriculumInstruct> (Printed from World Wide Web on January 16, 2002).

Uses cent and dollar notation when relating values of coins, up to one dollar.

Makes change from one dollar.

(3) Uses physical models to determine the volume of rectangular solids.

Related Stages Assessment Activities:

Stage Five: Math: Geometry

Stage Six: Explore: Using Money, Time Orientation

Assess: Money ID, Money Equivalents, Counting Money, Telling Time

EALR 1.3: Understand and apply concepts and procedures from geometric sense.

(K) Identifies squares, circles, rectangles, and triangles.

(3) Uses faces, edges and vertices to classify 2D and 3D geometric figures.

Classifies real world objects as containing squares, rectangles, triangles, circles, cubes, rectangular solids, spheres, cylinders, or pyramids.

Related Stages Assessment Activities:

Stage Four: Shapes: Explore, Assess

Stage Five: Problem Solving: Shape Mystery

EALR 1.4: Understand and apply concepts and procedures from probability and statistics.

(3) Describes pictographs, bar graphs, and line graphs and how they communicate solutions to problems.

Related Stages Assessment Activities:

Stage Five: Math: Charts and Graphs

EALR 1.5: Understand and apply concepts and procedures from algebraic sense.

(K) Recognizes and copies patterns using sounds, objects and symbols.

(1) Creates and compares a wide variety of patterns using sounds, objects, and symbols in order to solve problems and make conjectures.

(2) Represents patterns symbolically.

(3) Finds a rule which describes numeric and geometric patterns when given manipulatives or pictorial displays.

Related Stages Assessment Activities:

Stage Four: Patterns: Explore, Assess

EALR 2: Problem Solving. The student uses mathematics to define and solve problems.

- (1) Organizes relevant information to solve a problem. (ex: after surveying each classmate about his/her favorite flavor of ice cream, determines the most popular flavor in the class); identifies irrelevant information.

Related Stages Assessment Activities:

Stage Five: Math: Charts and Graphs

EALR 3: Reasoning. The student uses mathematical reasoning.

- (2) Interprets and compares information in familiar situations (ex: determines which day of the week was the hottest).

Related Stages Assessment Activities:

Stage Five: Math: Charts and Graphs

EALR 4: Communication. The student communicates knowledge and understanding in both everyday and mathematical language.

- (2) Extracts mathematical information from pictures, diagrams and physical models (ex: explores area and perimeter of a variety of rectangles made with square tiles).

Related Stages Assessment Activities:

Stage Five: Math: Charts and Graphs, Geometry

EALR 5: Connections. The student understands how mathematical ideas connect within mathematics, to other subject areas, and to real-life situations..

- (3) Recognizes mathematics in familiar settings (ex: recognizes geometry as the basis for buildings, bridges, etc.)

Related Stages Assessment Activities:

*Stage Four: Math Readiness: Number ID Explore and Assess
Shapes: Explore and Assess*

Stage Five: Math: Geometry, Fractions

Stage Six: Assess: Counting Money

Reading Grades K-3

EALRs and Suggested Assessment Evidence (Grade Levels in Bold)

EALR 1: The student understands and uses different skills and strategies to read.

EALR 2: The student understands the meaning of what is read.

(K) Recognizes and names all upper and lower case letters.

Matches spoken and written word.

Uses simple plural forms.

Develops a memory for text.

Uses pictures to predict text.

Understands importance of directionality.

(1) Uses -s, -ed, -ing, -er, and -est endings.

Identifies alliteration, rhyme, and repeated or alternating patterns.

Increases sight vocabulary, especially of “basic” vocabulary.

(2) Identifies and uses adverbs, homonyms, and similes.

Related Stages Assessment Activities:

Stage Four: *Reading Readiness:* Letter ID, Letter Sounds

Math Readiness: Spatial Relationships

Stage Five: *Reading:* Meaning, Context (High Frequency Words)

Stage Six: *Stories:* Cody, Mitchell, Meg, Adam, Ryan

Stage Seven: *Making Words:* High Frequency Words, Rhyming Words

Making Sentences: Spelling and Grammar

EALR 3: The student reads different materials for a variety of purposes.

(K) Interprets and uses pictures, labels, photographs.

(1) Uses pictures to confirm and not just predict text.

Studies detailed illustrations, especially in puzzles and nonfiction materials.

Uses appropriate directionality when reading diagrams, story maps, charts, maps, stories, poems.

Related Stages Assessment Activities:

Stage Four: *Reading Readiness:* Letter ID, Letter Sounds

Math Readiness: Spatial Relationships

Stage Five: *Reading:* Meaning, Context, Sounds

Math: Charts and Graphs

Problem Solving: Mystery Shape, Mystery Person

Stage Six: *Stories:* Cody, Mitchell, Meg, Adam, Ryan

Explore: Telling Time, Using Money, Getting Dressed, Looking at Signs, Using Objects

Assess: same topics as *Explore* activities.

Stage Seven: *Making Stories.*

EALR 4.2: The student seeks and offers feedback to improve reading.

(2) Describes reactions to books and considers ideas of others.

Related Stages Assessment Activities:

Stage Seven: Making Stories

Writing Grades K-3

EALRs and Suggested Assessment Evidence (Grade Levels in Bold)

EALR 1: The student writes clearly and effectively.

(K) Writes mainly in personal voice.

Writes and names all upper and lower case letters.

Writes own name (first and last) and the names of some family members and friends

(1) Writes simple accounts with some elaboration, especially description or explanation.

Shows attention to beginning, middle, and end in a piece of writing.

Sequences two or three events or items of information.

Answers a simple question in a complete sentence.

Shows understanding of some common spelling patterns.

Uses capital letters, periods, question marks, and exclamation marks, often adding these when revising or editing.

(2) Maintains focus on topic.

Includes details in retelling and personal narratives.

Includes supporting information through adjectives or explanatory sentences.

Chooses appropriate title for work.

Attends to spelling, capitalization, punctuation, and tense in final draft.

Related Stages Assessment Activities:

Stage Four: *Reading Readiness:* Letter ID

Stage Seven: *Making Sentences:* Building Sentences, Spelling and Grammar, Writing Sentences
Making Stories

EALR 2: The student writes in a variety of forms for different audiences and purposes.

(1) Writes simple accounts with some elaboration, especially description or explanation.

Related Stages Assessment Activities:

Stage Seven: Making Stories

EALR 3: The student understands and uses the steps of the writing process.

(K) Shares published work with pride.

(1) Uses capital letters, periods, question marks, and exclamation marks, often adding these when revising or editing.

(2) Attends to spelling, capitalization, punctuation, and tense in final draft.

Related Stages Assessment Activities:

Stage Seven: *Making Sentences:* Building Sentences, Spelling and Grammar, Writing Sentences
Making Stories

EALR 4: The student analyzes and evaluates the effectiveness of written work.

(K) Shares published work with pride.

(1) Shares work and gets feedback from peers and family.

Related Stages Assessment Activities:

Stage Seven: Making Stories

Communication Grades K-3

EALRs and Suggested Assessment Evidence (Grade Levels in Bold)

EALR 1: The student uses listening and observation skills to gain understanding.

- (K)** Attends to oral stories, poems, etc. (e.g., maintains eye contact, faces speaker).
Hears rhyming words when spoken.
Listens for information.
- (1)** Listens for a variety of purposes (e.g. to gain information, to follow directions) and sustains attention.
Observes to classify simple objects (e.g., by color, shape, size).
- (2)** Uses visuals to follow directions (e.g., environmental signs, symbols, icons).

Related Stages Assessment Activities:

<i>Stage Five:</i>	<i>Reading:</i> Sounds <i>Math:</i> Charts and Graphs, Fractions <i>Problem Solving:</i> Mystery Shape, Mystery Person
<i>Stage Six:</i>	<i>Stories:</i> Cody, Mitchell, Meg, Adam, Ryan <i>Explore:</i> Getting Dressed, Looking at Signs, Using Objects <i>Assess:</i> same topics as <i>Explore</i> activities.
<i>Stage Seven:</i>	Making Stories

EALR 2: The student communicates ideas clearly and effectively.

- (1)** Talks about favorite visuals or TV program.
Describes words in terms of function (e.g., You ride a horse; You drive a car).

Related Stages Assessment Activities:

<i>Stage Six:</i>	<i>Explore:</i> Getting Dressed, Looking at Signs, Using Objects <i>Assess:</i> same topics as <i>Explore</i> activities.
<i>Stage Seven:</i>	Making Stories